



## Feature:

1. High-grade aluminum 2U black brushed panel, cabinet installation, beautiful and generous
2. The equipment is designed with embedded computer technology and DSP audio processing technology
3. High-speed industrial-grade chips are used, and the startup time is less than 1s
4. Equipped with 100V, 70V constant voltage output and 4~16Ω constant resistance output
5. Five-way signal input (three-way microphone, two-way line).
6. 1-way audio signal auxiliary output interface, which can be expanded to an external power amplifier
7. Each channel volume is independently adjustable, with treble and bass adjustment
8. MIC1 automatic mute has an adjustment switch, and the adjustable range is:0 to -30dB
9. It has a 5-unit LED level indicator for easy observation of the signal output status
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11. Three-wire audio control forced output interface, unlimited number of audio controls
12. Built-in DC24V power output, used to force the 4-wire audio controller
13. 1 group of short-circuit signal input, which can trigger the alarm of this machine through software setting
14. 1 group of short-circuit signal trigger output, used to drive other linkage devices
15. Built-in 1-channel network hardware audio decoding module, supporting TCP/IP, UDP, IGMP (multicast. protocols
16. Realize network transmission of 16-bit stereo CD quality audio signals
17. It has the function of actively taking over tasks when the network and server are disconnected, and can realize automatic playback when the terminal is disconnected
18. It has a built-in 4G large-capacity memory, and the program is transmitted to the SD card for storage through the network
19. Built-in high-precision timing digital clock chip, the power-off timing is not less than 3 years, and it has network synchronization function
20. The power of the power amplifier module is automatically managed, and the power of the power amplifier can also be manually forced to turn on to meet the use of local sound sources
21. Support 1000-level custom audio priority silent control
22. Support PSTN telephone broadcasting, support SMS voice broadcasting
23. Support mobile WIFI on-demand, support wireless remote control on-demand
24. Support server unified authorization operation management function, unified configuration management users and passwords
25. Support DHCP, compatible with any network structure such as routers, switches, bridge gateways, Modems, Internet, 2G, 3G, 4G, multicast, unicast, etc.
26. Support intelligent voice prompt function when registering new terminal configuration (if the device is connected.
27. Support 15KVESD protection, built-in network isolation lightning protection circuit
28. 1-way PC download IP address serial port, used to modify the IP address of the network decoding module
29. Digital network product, easy to expand, not restricted by geographical location, no need to add computer room management equipment

- 30. Adopt the design concept of common network free line construction, easy to install
- 31. The cooling fan adopts intelligent temperature control to start
- 32. It has perfect output short circuit protection and over-temperature protection functions

## ► Specification:

Rated power	500W
Network interface	RJ45
Transmission rate	100Mbps
Support protocol	TCP/IP, UDP, IGMP (multicast)
Audio format	MP3/MP2
Audio mode	16-bit stereo CD quality
Sampling rate	8K~48K
Bit rate	8K~512Kbps
LINE OUT output level	775mV, 2-digit lotus seat
LINE OUT output impedance	470 Ω
AUX input sensitivity	70mV (unbalanced)
MIC input sensitivity	5~10mV (unbalanced)
Treble boost, attenuation	±12dB
Bass boost, attenuation	±12dB
Power consumption	675W
Standby power consumption	<3W
Frequency response	60Hz~18KHz
Harmonic distortion	THD≤0.5%
Signal-to-noise ratio	≥75dB
Output mode	4~16Ω fixed resistance output, 70V/100V constant voltage output
Protection circuit	DC output, overload, overtemperature, short circuit protection circuit
Ambient temperature	5°C ~ 40°C
Ambient humidity	20% ~ 80% relative humidity
Input power	~220V/50Hz
Dimensions	485x365x89mm
Weight	15.58kg